

Exploratory Investigations on the Chemistry and
Technology of Fertilizer and Salts. Communication 2
by S. I. Volkovich, 8 pp.

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No 7, 1957, pp 767-775.

Consultants Bureau

Sed.-- Chem

May 59

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Semiplant-Scale Experiments on Acid Conversion of Phosphorite, by S. I. Vol'kovich and A. A. Sokolovskiy, 10 pp.

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SLA R-2206

Sci

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Ammonium Sulfate from Phosphogypsum, by
B. I. Volfkovich, A. A. Sokolovskiy and
L. M. Gurevich, 15 pp.

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SLA R-2192

Sci

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Acid by the Sulfuric Acid ~~by the Sulfuric~~
~~Acid Method~~, by S. I. Volkovich, 36 pp.

RUSSIAN, per, Sci Inst Fertilizers Insecto-
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Assoc Tech Serv
RJ-87

Sci

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Vol'kovich, S. I., Ionasa, A. A. and others.
HYDROTHERMAL PROCESSING OF PHOSPHATES
IN A CYCLONE FURNACE. Jan 62, 7p. 3 refs.
Order from ICE in v. 2, no. 1, \$15.00/year

Trans. of Khim[icheskaya] Prom[yshlennost'] (USSR)
1961, no. 6 [p. 394-399].
Another trans. is available from OTS or SLA \$2.60
as 62-13405, JPRS-10911, 2 Nov 61 [25]p.

DESCRIPTORS: *Phosphates, Refineries, Purification.
*Cyclone furnaces. *Chemical engineering.

(Engineering--Chemical. IT, v. 8, no. 10)

62-34301

I. Vol'kovich, S. I.
II. Ionasa, A. A.
III. International Chemical
Engineering, New York

(62-34301)

Office of Technical Services

Vol'fkovich, S. I., Margolis, F. G., and Polyakov,
N. N.

COMPLEX FERTILIZERS CONSISTING OF NITRIC
ACID AND NATURALLY OCCURRING PHOSPHATES
(COMPLEX FERTILIZERS BY DECOMPOSITION OF
PHOSPHATE WITH NITRIC ACID) tr. by Bertha P.
Klenova. 14 Dec 60, 16p. 43 refs. TVA-3881.
Order from OTS or SLA \$1.60 62-24451

Trans. of Khim[icheskaya] Prom[yshlennost'] (USSR)
1960, no. 1, p. 34-41.

DESCRIPTORS: *Fertilizers, Production, Nitric acid,
*Phosphates, Decomposition, Calcium compounds,
Nitrates, Carbonates, Ammonium compounds, Sulfates.

(Engineering--Chemical, TT, v. 9, no. 2)

62-24451

- I. Vol'fkovich, S. I.
- II. Margolis, F. G.
- III. Polyakov, N. N.
- IV. TVA-3881
- V. Tennessee Valley
Authority, Wilson Dam,
Ala.

Office of Technical Services

Complex Treatment of Apatite, with Hydro-
chloric Acid, by S. I. Volkovich and A.
Loginova, 17 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XVII, 1941,
pp 381-393.

SLA R-2149

Sci.

Aug 58

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Carbonation Process for Production of Cryolite from
Fluosilicate Gases, by S. I. Vel'dovich, T. I.
Sokolova, Z. G. Kulagina-Shirnova, K. P. Ryzanova,
8 pp.

RUSSIAN, par, Zhur Prikl Khim, Vol XXXI, No 7,
pp. 969-975.

Consultants Bureau

Sci - Chem
Aug 99

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Production of SO_2 and Cement From Phosphogypsum,
by S. I. Vol'fkovich, A. I. Longinova, 13 pp.

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1933, pp 113-122.

SLA Tr R-799

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Oct 57

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(NY-2701).

1

Chemistry on New Horizons, by S. I. Vol'kovich,
4 pp.

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p 3.

JTRS-L-880-N

USSR

Sci - Chem

Aug 59

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Synthesis of Calcium Fluoride and Hydrofluoric
Acid from Fluosilicic Acid, by S. I. Volkovich,
and M. G. Gabrielova, 5 pp.

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Apr 1952, pp 345-349.

Consultants Bureau

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Scientific - Chemistry

Dec 53 CTS

Serginail in the Therapy of Hypertension and Its Action
in the Orthostatic and Cold Pressor Tests, by V.
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S.L.A. Tr 1063/1956

Sci. - Medicine

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(NY-6570/1)

On the Combined Action of High-Frequency
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Vol'tovskaya, Yu. N. Osipov, T. E. Kolyada,
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1961, pp 18-23.

JPRS 9895

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Sep 61

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Mironov and E. S. Vol'fovskaya, USSR, 1953

Avlogennoe Delo, Vol 23, 1953, No 1,
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Sketcher Order No 2910

Scientific - Metallurgy, welding, iron

February 1953

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Problems of Heating the End Flues of Coke Ovens, by
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RUSSIAN, per, Koks i Khim, No 4, 1961.

CTRA

Sci

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Oct 61.

Controlling PVR Ovens With Separate Regener-
ators When Heating With Coke-Over Gas, by
G. M. Volfovskiy, N. K. Krupatkina, A. I.
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pp 25-29.

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Using Twin Gas-Supply Fittings, by G. M. Volfovskiy,
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CTRA

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Electrochemical Dissolution of Palladium in
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Mat' 62

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Role of Studies of Structures of Ore Deposits and
Physicomechanical Properties of Rocks in Determining
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F. I. Vol'fson, L. I. Lukin. 7 pp.
RUSSIAN, per, Trudy Akad Nauk SSSR, Inst Geol
Rudnykh Mestorozhdenii, Petrografii, Mineralogii i
Geokhimi, No 41, 1961, pp 5-14.
AGI in International Geology Review, Vol 6, No 4,
pp 589-595.

F. I. Vol'fson

Sci/Earth Sci
May 67

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S-5021

(2620-D).

Main Results of Studying Structures of Ore Fields
and Deposits in the USSR, by F. I. Vol'fon, V. M.
Kreyter, L. I. Lukin, 41 pp.

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1957, pp 58-81.

JPRS L-1603-D

Sci - Geophys

Apr 59

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The Reactions of Hexachlorocyclopentadiene
with Some Unsaturated Compounds, by L. G.
Vol'tson, 7 pp.

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SLA Tr R-501

Sci - Chem
Jul 57

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On the Preparation of Aldrin and Dieldrin, by N. A. Belikova, L. G. Vol'fson, K. V. Kuznetsova, et al, 9 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIII, No 2, 1960, pp 454-462.

CB

Sci

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Apr 61

Herbicides and Plant Growth Regulators. XXIV. Synthesis
of Some Tetrachloro-, Pentachloro-, and Hexachloro-3,6-
Endomethylenetetrahydrophthalic Acids and Their Imide
by N. N. Mal'nikov, L. G. Vol'fson, S. D. Volodkovich,
8 pp.

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pp 189-198,
499-506

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Sci

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Mar 62

(NY-5212)

Test Bay for Incoming Lines and Incoming Line
Bay for Regional Communications Offices, by
G. A. Vol'fson, V. G. Brud, 14 pp.

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JPRS 7072

Sc1
JUN 61

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Preparation of the Insecticide Heptachlor, by
S. D. Volodkovich, L. G. Vol'fson, L. M. Kogan,
7 pp.

RUSSIAN, per, *E Zhur Prik Khim*, Vol XXXIII, No 1,
1960, pp 227-232.

CB

Sci

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Feb 61

Studies in Organic Insectofungicides. XXXIX.
Fusion Diagrams of the Binary System of o- and
p-Chlorophenyl p-Chlorobenzenesulfonates and a
Cryoscopic Method of Determining p-Chlorophenyl
p-Chlorobenzenesulfonate, by L. G. Vol'fson,
N. N. Mal'nikov, A. I. Person, 3 pp.

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1959, pp 526-528.

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Organic Insectofungicides. XI. Synthesis of Alkyl
Sulfonates With an Iso Structure and the Surface
Tension of Their Aqueous Solutions, L. G. Volfson,
N. N. Kalnikov.

The Journal of General Chemistry of the USSR, Vol XX.
No 11, Nov 1950, pp 2163 - 2165 (Russ p 2089).

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Organic Insectofungicides. I. The Synthesis of Dialkyl Disulfides, N. N. Melnikov, L. G. Volfson,

The Journal of General Chemistry of the USSR, Vol XX, No 11, Nov 1950, pp 2159 - 2161 (Russ p 2085).

Consultants Bureau
New York

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Vol'fson, L. G. and Kogan, L. M.

~~CHLORINE~~ CHLORINE-CONTAINING INSECTICIDES PREPARED
FROM HEXACHLOROCYCLOPENTADIENE. [1962]

20p. 64 refs.

Order from OTS or SLA \$1.60

62-18758

Trans. of Khimicheskaya Promyshlennost' (USSR)
1961, no. 10 [p. 672-677].

An abstract trans. is available from OTS or SLA
\$1.10 as 62-15416, AID 61-160, 30 Nov 61, 1p.

DESCRIPTORS: *Insecticides, Chlorine, Chlorination.

(Agriculture--Plant Cultivation, TT, v. 9, no. 8)

62-18758

I. Vol'fson, L. G.
II. Kogan, L. M.

Office of Technical Services

Volfson, I. G.
MANUFACTURE AND USES OF THE MOST
IMPORTANT CHLORINE-CONTAINING MODERN
INSECTICIDES. [1960] 14p.
Order from ATS \$22.95 ATS-11M45P

Trans. of Vsesoyuz[noye] Khim[icheskoye]
Obshchestvo. Zhur[nal] (USSR) 1960, v. 5, no. 3,
p. 260-267

(Engineering-Chemical) (TZ), v. 5, no. 3)

61-12325

- I. Insecticides--Production.
- I. Volfson, I. G.
- II. " "
- III. Associated Technical Services,
Inc., East Orange, N. J.

Office of Technical Services

Investigation of the Magnetic Circuits of ~~KLMK~~
Electron Microscope Lenses, by P. A. Stoyanov,
L. Yu. Vol'fson, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXV,
No 6, 1961, ~~pp 717-720~~ pp 717-720.

CTT

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Jul 62

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The Influence of Testosterone Propionate on the
Experimental Induction of Tumours of the Cervix
Uteri and Vagina in Mice, by N. I. Vol'fson, 5 pp

RUSSIAN, per, Voprosy Onkol, Vol VI, No 9, 1960,
pp 15-19.

PP

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Apr 61

Study of the Possible Blastomatogenic Action of
Human Tumour Extracts, by N. I. Vol'fson, A. M.
Diad'kova, T. A. Korosteleva, L. M. Shtud, 6 pp.

RUSSIAN, per, Voprosy Onkologii, Vol III, No 5,
1957, pp 540-545.

Pergamon Inst

Sci - Med
Jan 59

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S-4233

(NY-1562)

Method of Study of Convective Movements in the Free Atmosphere, by N. I. Vol'fson, 6 pp.

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US JPRS/NY-L-170

Sci - Geophysics

66,847

Epeculiarities of Differentiation and of Mitotic
Division of the Epithelium of the Uterine
Cervix and Vagina in Mice, by N. I. Vol'ison,
6 pp.

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1961.

Elsevier Pub Co

Sci

Jul 62

205,400

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A. A. Pavlov, M. I. Vol'fon, 6 pp.

RUSSIAN, also per, Voprosy Onkologii, Vol III,
no 2, 1957, pp 221-226.

Pergamon Press

ici - Medicine
Nov 57

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The Effect of Temperature and Heating Time on Intergranular
Intergranular Corrosion in 1Kh18N9T Steel, by
Kh. I. Cheskis, S. I. Vol'fson, 5 pp.

RUSSIAN, per, Avtomat Svarka, No 11, 1960, pp 13-17.

BWIA

Sci

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Sep 61

Effect of High-Temperature Aging on Structure and Properties of 18% Cr, 8% Ni Steels, by Kh. I. Cheskis, S. I. Vol'fson.

RUSSIAN, per, Metal i Obrabotka Metallov, No 4, Apr 1958, pp 16-25.

Butcher Tr 4183
\$9.35

Sci - Min/Met

Aug 58

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Sci Tr Ctr RT-3454

Scientific - Chemistry

34,872

May 56 CTS/dex

Investigations in the Naphthalene Series. XIV.
Formation of Sulfones by the Action of Chlorosulfonic
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Volfson, p. 5

RUSSIAN, per, Zhur Obshch Khim, Vol XXIII, No 10,
1962, pp. 3440 - 3444

CB

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Sci

Aug 63

ZHURAVLEV, V. F., VOLKSON, S. I., and SHEVELEVA, B. I.,
Chair of the Technology of Binding Materials, Leningrad
Inst of Technology, Leningrad -- (in cooperation with
Leningrad Dental Materials Factory)

The Processes that Take Place in the Roasting of Zinc-
Phosphate Dental Cement

Zhur Prikl Khim, Vol XXIII, No 2, 1950 (Feb), pp 121-
128

Consultants Bureau Translation

A 10705

Vol'fon, V. Ya., Kornelchuk, G. P. and others.
[CHARACTERISTICS] OF THE CATALYTIC OXIDA-
TION OF NAPHTHALENE. III. KINETICS OF THE
OXIDATION OF NAPHTHALENE IN DEEP BEDS OF
VANADIA CATALYSTS. [1962] 6p.
Order from ATS \$9.45

ATS-47N53R

Trans. of Ukrain[skii] Khim[icheskii] Zhur[nal] (USSR)
1960, v. 26, no. 5, p. 588-593.

DESCRIPTORS: *Naphthalenes, Oxidation, Catalysis,
Vanadium catalysts, Oxides.

See also ATS 46N53R

(Chemistry--Organic, TT, v. 7, no. 11)

62-12787

- I. Author: V. Ya.
- II. Kornelchuk, G. P.
- III. Title: Kinetics
- IV. Title: Peculiarities of
the Catalytic...
- V. ATS-47N53R
- VI. Associated Technical
Services, Inc.,
East Orange, N. J.

209107

Office of Technical Services

Vol'fson, V. Ya., Korneychuk, G. P., and Royter, V. A.

CHARACTERISTICS OF THE CATALYTIC OXIDATION OF NAPHTHALENE. 1. KINETICS OF OXIDATION OF PHTHALIC ANHYDRIDE ON A VANADIUM OXIDE CATALYST. [1960] 9p.

Order from ATS \$13.30

ATS-73M47R

Trans. of Ukrain[skiy] Khim[icheskiy] Zhur[nal] (USSR) 1960, v. 26, no. 3, p. 305-313.

(Chemistry-Physical, TT, v. 5, no. 8)

61 12672

1. Naphthalenes--Oxidation
2. Vanadium oxides--
Catalytic properties
3. Phthalic anhydride--
Oxidation
- I. Vol'fson, V. Ya.
- II. Korneychuk, G. P.
- III. Royter, V. A.
- IV. Title: Kinetics...
- V. ATS-73M47R
- VI. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Results of the Scientific Conference of the
Sanitation Hygiene Institutes of the RSFSR,
by Z. G. Vol'fson, 5 pp.

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Sci Tr Center RT-1177

Scientific - Medicine

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Jul 54 (TS)

Accounting Rate Meter for X-Ray Refraction
Investigations, by V. Wolfstieg, 3 pp.

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CSIRO

Sci - Phys
Nov 69.

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NEOPLASTIC DISEASES ACCORDING TO AUTOPSY DATA OF THE
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PP 10-60.

JUN 21 1960

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pp 909-912.

Amer Geol Inst

Sci
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(NY-3000)

ACCELERATE THE CREATION OF THE SPECIALIZED
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JPRS 14091

USSR
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JUN 62

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Khim i Khim Tekhnol. Vol 7, No 5, 1964,
pp 852-854.
ATS RU-4964

Sci-Phys
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Volt Ampere Characteristics of the Detector
as a Factor Determining the Errors in Measure-
ments of the Effective Values of Voltage,
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JPRS 26528

Sci
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Servomechanism Compensation by Using Discrete
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Smolyar, 5 pp

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ISA

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The Programming of Digital Computers ~~and~~ for
the Processing of Information by the Method
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Instrument Soc of Amer

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The Synthesis of Digital Data Converters
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No 6, 1962, pp 732-738.

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Jan 63

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(NY-6498)

Algebraic Method of Calculating Linear
Automatic Systems With Digital
Computers, by L. N. Volgin, L. I.
Smolyar, 5 pp.

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Ser Radiofiz, Vol IV, No 3, 1961,
pp 581-583.

JPRS 12754

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A Method of Synthesizing Linear Sampled-Data
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Criteria, by L. N. Volgin, 10 pp.

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Sci-Phys

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Supernaturalism will knock into the Doors
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FTD-TT-62-1214

Sci-Bloc
Dec 61

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Data on the Taxonomy of Predatory Flies of Family
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by V. I. Volgin, 4 pp.

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1958, pp 460-463.

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Sci. "
Sci. 63.

Materials for the Systematics of Predaceous
Mites of the Genus Cheyletus Latr. (Cheyletidae,
Acarina), by V. I. Volgin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXIV, No 4,
1949, pp 583-586.

DSIF LLU M.1922
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Sci - Biol
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Sci

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Materials for the Systematics of Mites of the
Genus Tyrophagus Ouds., 1923, (Tyroglyphidae,
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1949, pp 385-388.

DSIR LLU M.1980
(loan)

Sci - Biol

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New Species of Mites of the Genus Tyrophagus Ouds.,
1923, by V. I. Volgin, 7 pp.

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Sci Museum Lib No 54/0898

Scientific - Biology

May 54 OTS

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1962, pp 620-630.

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1960, pp 412-415.

AMH

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The Effect of the Removal of a Depot of Tetanus
Toxoid on the Level of Anti-Toxic Immunity, by Yu. B.
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RUSSIAN, per, Zhur Mikrobiol Epidemiol i Immunobiol,
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Pergamon Inst

Sci - Med
Feb 59

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UNCLASSIFIED

TRAVEL, per, Rail et Route, Apr 1954, Paris, pp 22-24.

O-C, OSUSA 3-10-54

USIA

Economic - Railways, Transportation Mar 55 CYN/DEK

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Weakening of Oxidizing Processes in the Vegetable
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UNCLASSIFIED

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pp 552 - 557.

QQNG Tr
QNG-211

Scientific - Chemistry

Nov 1951 TS

Bright's Disease, by Franz Vollhard, 1910

GEISMAN, p. 100, Die Doppelseitigen Nierenerkrankungen
Hieronymusentwurf, Julius Springer 1910

NTM 1-30-61

Sci - Med
Mar 61

144, 650

63-10404

Volhonski, E.

THE EQUILIBRIUM OF TWO SUBSTANCES IN A
MIXED BINARY SOLVENT. VIII. SYSTEM
 $\text{BaSO}_4 - \text{H}_2\text{SO}_4 - \text{H}_2\text{O}$. [1962] 22p. (figs. omitted)
6 refs.

Available on loan from SLA

63-10404

Trans. of [Zhurnal Obshchei Khimii] (USSR) 1909,
v. 41, p. 1763-1778 and 1910, v. 42, p. 1180-1194.

DESCRIPTORS: *Chemical equilibrium, Solvents,
*Barium compounds, Sulfates, *Sulfuric acid,
Water, Reaction kinetics.

I. Volhonski, E.
II. Title System

(Chemistry--Physical, TT, v. 9, no. 7)

Office of Technical Services

Production of High Strength Steel by
Alloying With Nitrogen Introduced by Means of
Calcium Cyanamide, by H. Volianik.

Patent, per, Franchise, No 175, Aug 1950.
op 307-324.

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